

Copy 3 of 11

# MEMORANDUM FOR THE RECORD

25X1A

SUBJECT: Trip Report to [redacted] LAC, and [redacted] on  
20 - 22 January 1970

1. Significant items were as follows:

a. [redacted] asked if his staff would be permitted to critique and/or suggest changes to the [redacted] flight program to be presented by [redacted]. I advised him affirmatively.

b. In conjunction with [redacted] and his staff, a wire was prepared and sent to [redacted] requesting a list of detailed test equipment and other support requirements expected of the Detachment.

Potential problems associated with handling a live [ ] both prior to and after completion of the new conditioning building were discussed. Headquarters options under consideration were reviewed and appropriate required action was assured by the Detachment after a decision was reached.

a. As a further input into the low altitude U-2R concept, LAC felt that a low altitude capability for the entire mission would be even more desirable than a high-low-high profile. Therefore LAC will investigate the mods required to provide the U-2R with a probe-drogue refuel capability and also will investigate the full low altitude mission potential with this refueling capability.

SECRET

IDEA-0089-70

Page 2

- b. The structural integrity of a U-2R flying an extended low altitude profile will be investigated.
- c. In order to obtain a direct comparison of the low altitude noise levels of the U-2R and C-130E, it will be necessary to fly both aircraft on the same day and as close to the same time as scheduling will permit. As soon as a firm date for the C-130E to fly over [ ] can be identified, LAC will be advised to provide ample preparation time for necessary personnel and equipment. U-2R flight authorization will be required from Headquarters D/O/OSA. 25X1A
- d. LAC will propose an inlet duct liner study to be performed on a U-2C ground installation only. This study would investigate an inlet duct liner design to reduce the inlet noise at the frequency to which the human ear is most sensitive.
- e. The quiet U-2R cost quote submitted by LAC in a letter dated 4 August 1969 will be resubmitted reflecting the work since completed and eliminating the cost of investigating methods of silencing the inlet and the tailpipe diffuser.
- f. [ ] advised that A/C #054 would be delivered on 27 January.
- [ ]
- a. [ ] was advised that the Agency does not intend to continue to fund the induced drag reduction investigation. In accordance with Mr. Duckett's direction, it was proposed to arrange a program briefing with Mr. Leroy Spearman and staff at NASA, Langley to determine if there might be NASA interest in funding the proposed follow-on effort. Such a briefing was scheduled and subsequently cancelled when [ ] elected to propose his concept. 25X1A

SETT, TK

SECRET

SECRET

25X1A

IDEA-0089-70  
Page 3

25X1A

[REDACTED] commercially. A meeting is to be held at Headquarters on 29 January with R&D, CMD, SS, and [REDACTED] in attendance to review, in detail, the legal and security ramifications of such a disclosure.

25X1A

[REDACTED]  
ASD/R&D/OSA

25X1A

ASD/R&D/OSA/[REDACTED]:anw/28 Jan 1970

Distribution:

- Copy 1 - ASD/R&D/OSA
- 2 - D/SA thru TB/OSA
- 3 - SS/OSA
- 4 - D/M/OSA
- 5 - D/O/OSA
- 6 - SAS/O/OSA
- 7 - IDEA/O/OSA
- 8 - CMD/COMPT/OSA
- 9 - D/R&D/OSA
- 10 - PSD/R&D/OSA
- 11 - RB/OSA

SECRET